

DOCKET NO.: PUAM-0259

PATENT



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

Suzanne Walker Kahne, et al.

Confirmation No.: Not Yet Assigned

Application No.: 10/797,169

Group Art Unit: Not Yet Assigned

Filing Date: March 9, 2004

Examiner: Not Yet Assigned

For: SUBSTRATE ANALOGS FOR MurG, METHODS OF MAKING SAME AND ASSAYS FOR USING SAME

DATE OF DEPOSIT *April 27, 2004*

I HEREBY CERTIFY THAT THIS PAPER IS BEING DEPOSITED WITH THE UNITED STATES POSTAL SERVICE AS FIRST CLASS MAIL, POSTAGE PREPAID, ON THE DATE INDICATED ABOVE AND IS ADDRESSED TO THE UNITED STATES PATENT AND TRADEMARK OFFICE, P.O. BOX 1450, ALEXANDRIA, VA 22313-1450.

A handwritten signature in black ink that reads "Elizabeth A. McLoud".

TYPED NAME: Elizabeth A. McLoud

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

INFORMATION DISCLOSURE STATEMENT

Pursuant to 37 CFR § 1.56 and in accordance with 37 CFR §§ 1.97-1.98, information relating to the above-identified application is hereby disclosed. Inclusion of information in this statement is not to be construed as an admission that this information is material as that term is defined in 37 CFR § 1.56(b).

In accordance with § 1.97(b), since this Information Disclosure Statement is being filed either within three months of the filing date of the above-identified application, within three months of the date of entry into the national stage of

the above identified application as set forth in § 1.491, before the mailing date of a first Office Action on the merits of the above-identified application, or before the mailing date of a first Office Action after the filing of request for continued examination under § 1.114, no additional fee is required.

- In accordance with § 1.129(a), this Information Disclosure Statement is being filed in connection with the first or second After Final Submission, therefore:
 - Certification in Accordance with § 1.97(e) is attached; or
 - The fee of \$180.00 as set forth in § 1.17(p) is attached.
- In accordance with § 1.97(c), this Information Disclosure Statement is being filed after the period set forth in § 1.97(b) above but before the mailing date of either a Final Action under § 1.113 or a Notice of Allowance under § 1.311, or before an action that otherwise closes prosecution in the application, therefore:
 - Certification in Accordance with § 1.97(e) is attached; or
 - The fee of \$180.00 as set forth in § 1.17(p) is attached.
- In accordance with § 1.97(d), this Information Disclosure Statement is being filed after the mailing date of either a Final Action under § 1.113 or a Notice of Allowance under § 1.311 but before, or simultaneously with, the payment of the Issue Fee, therefore included are: Certification in Accordance with § 1.97(e); and the submission fee of \$180.00 as set forth in § 1.17(p).
- Copies of each of the references listed on the attached Form PTO-1449 are enclosed herewith.

- Copies of references listed on the attached Form PTO-1449 are enclosed herewith
- Copies of references listed on the attached Form PTO 1449 are not required to be submitted pursuant to the June 30, 2003 recent revisions to 37 CFR § 1.98(a)(2)(i).

EXCEPT THAT:

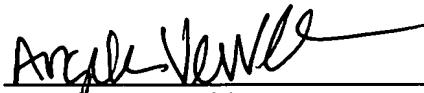
- In view of the voluminous nature of references [list as appropriate], and the likelihood that these references are available to the Examiner, copies are not enclosed herewith.
- In accordance with § 1.98(d), copies of the following references listed on the attached Form PTO-1449 are not enclosed herewith because they were previously cited by or submitted to the U.S. Patent and Trademark Office in patent application(s) for which a claim for priority under 35 U.S.C. § 120 have been made in the instant application:
 - Copies of references 1-11 listed on the attached Form PTO-1449 were previously cited by or submitted to the Patent and Trademark Office in prior Application No. 09/241,862, filed **February 2, 1999** now U.S. Patent No. 6,413,732 B1.

Please charge any deficiency or credit any overpayment to Deposit Account No. 23-3050. This form is submitted in duplicate.

The relevance of those listed references which are not in the English language is as follows:

There are no listed references which are not in the English language.

Date: 4/27/04


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Form PTO-1449 Modified		Docket No. PUAM-0259	Application No. 10/797,169
List of Patent and Publications Cited by Applicant (Use several sheets if necessary)		Applicant Suzanne Walker Kahne, et al.	
U.S. Department of Commerce Patent and Trademark Office		Filing Date March 9, 2004	Group Not Yet Assigned
		Confirmation No. Not Yet Assigned	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
	1	Auger, et al., "Synthesis of an analogue of the lipoglycopeptide membrane intermediate I of peptidoglycan biosynthesis", <i>Lett. Peptide Sci.</i> , 1997 , 4, 371-376	
	2	Baker, et al., <i>Analytical Biochemistry</i> , 1996 , 239, 20-24	
	3	Barresi, F. "Glycosylation methods in oligosaccharide synthesis", <i>Modern Synthetic Methods</i> , 1995 , 283-328	
	4	Gegnas, et al., "Inhibitors of the bacterial cell wall biosynthesis enzyme", <i>Murd. Bioorg. Med. Chem. Lett.</i> , 1998 , 8, 1643-1648	
	5	Pless, et al., "Initial membrane reaction in peptidoglycan synthesis", <i>J. Biol. Chem.</i> , 1973 , 248(5), 1568-1576	
	6	Sharma, et al., "Synthesis and antitumor activity of a novel muramic acid peptidoglycan analog", <i>In: Proc. Int. Cancer Congress</i> , 16 th Annual Meeting, 1994 , 16, 491-494	
	7	Slidregt, L.A.J.M. et al., "Trimethylsilyl triflate mediated chemoselective condensation of arylsulfenyl glycosides", <i>Tetrahedron Letters</i> , 1994 , 35(23), 4015-4018	
	8	Walker, S. et al., "Analysis of hydroxylamine glycosidic linkages: Structural consequences of the NO bond in calicheamicin", <i>J. Am. Chem. Soc.</i> , 1994 , 116(8), 3197-3206	
	9	Yan, L., et al., "Glycosylation on the merrifield resin using anomeric sulfoxides", <i>J. Am. Chem. Soc.</i> , 1994 , 116(15), 6593-6954	
EXAMINER		DATE CONSIDERED	

X Did not receive any NPL.



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<p>List of Patent and Publications Cited by Applicant (Use several sheets if necessary)</p> <p>U.S. Department of Commerce Patent and Trademark Office</p>	<p>Applicant Suzanne Walker Kahne, et al.</p>	
	Filing Date March 9, 2004	Group Not Yet Assigned
	Confirmation No. Not Yet Assigned	

U. S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

EXAMINER

DATE CONSIDERED